

Fig. 2

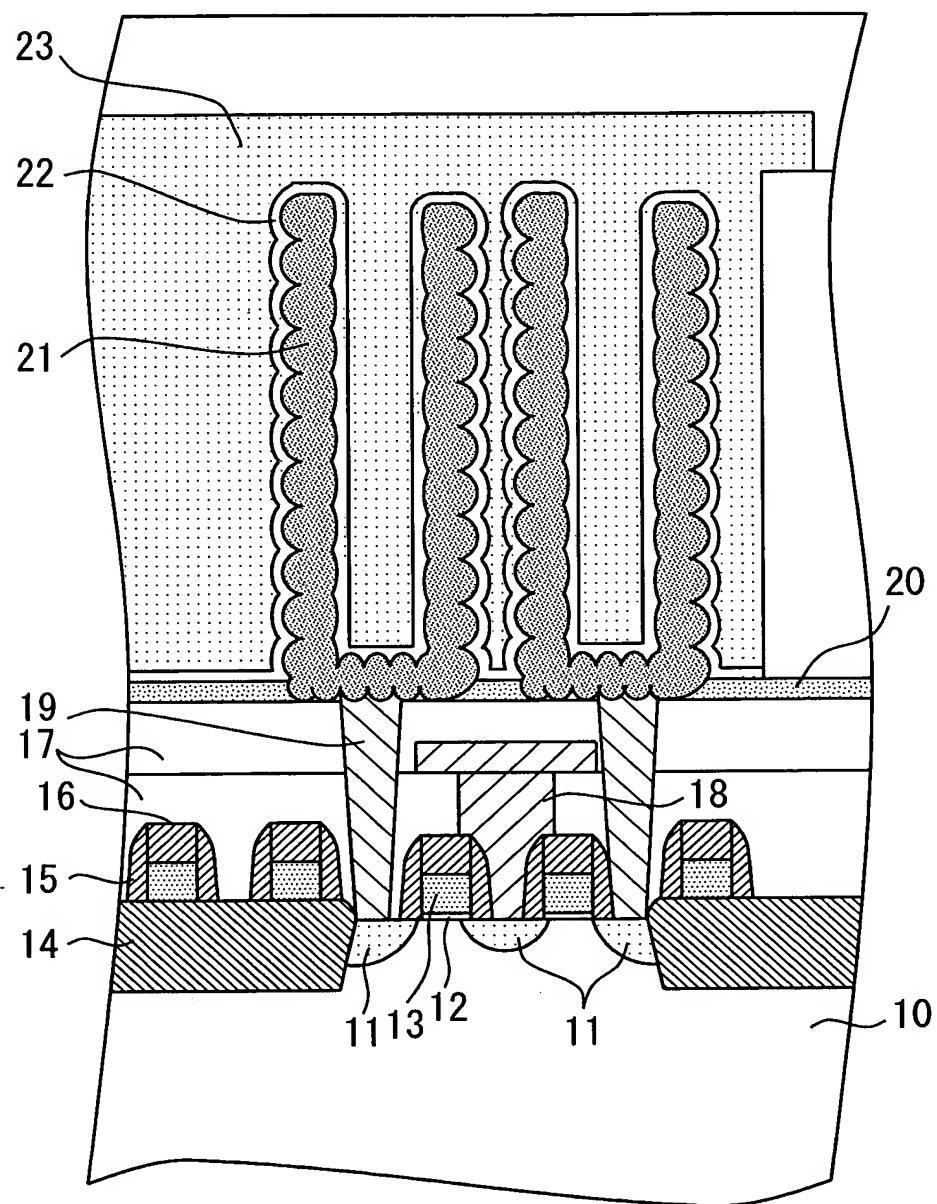


Fig.3(a)

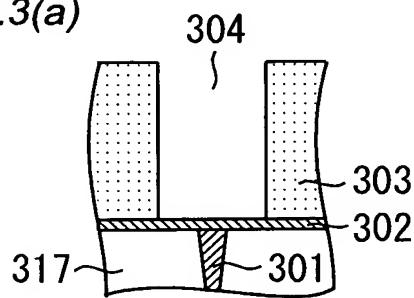


Fig.3(b)

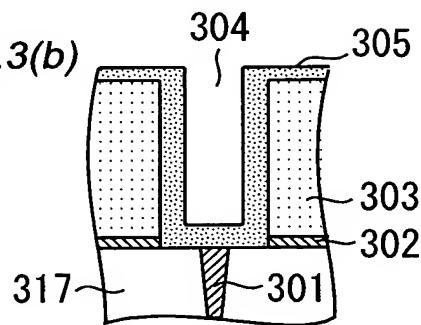


Fig.3(c)

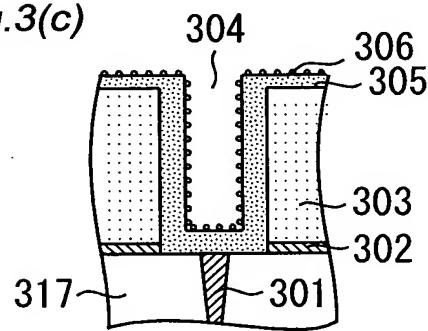


Fig.3(d)

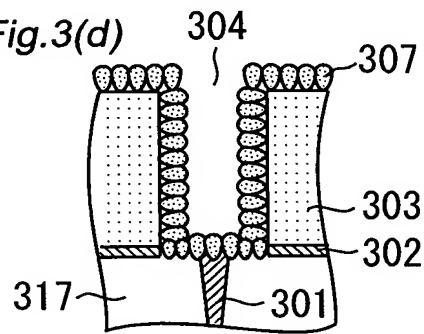


Fig.3(e)

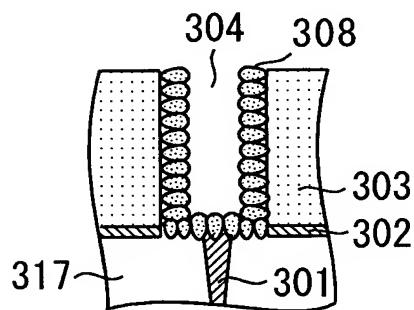
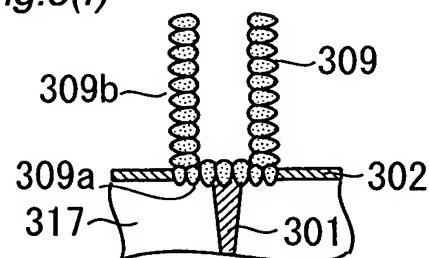


Fig.3(f)



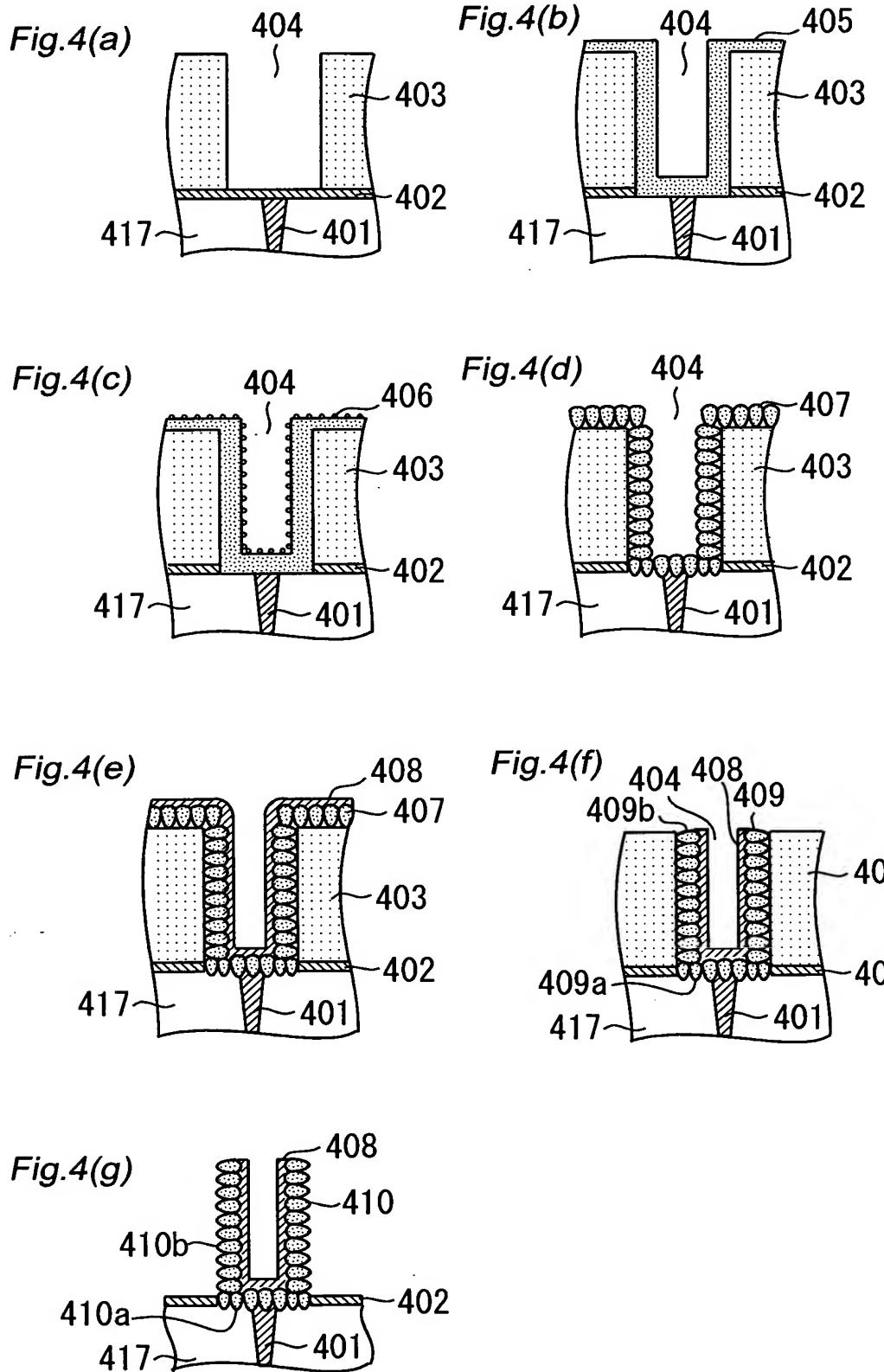


Fig.5(a)

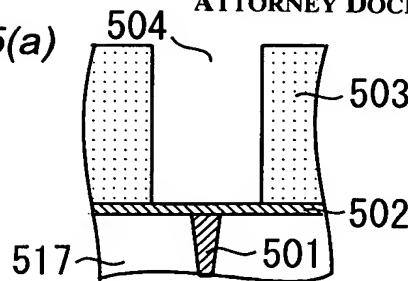


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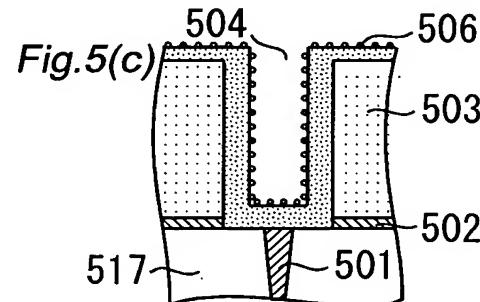
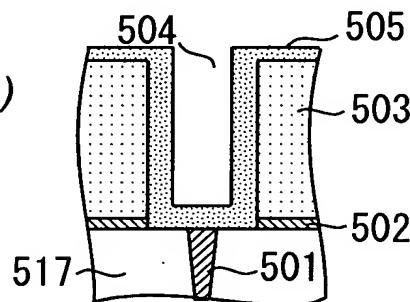


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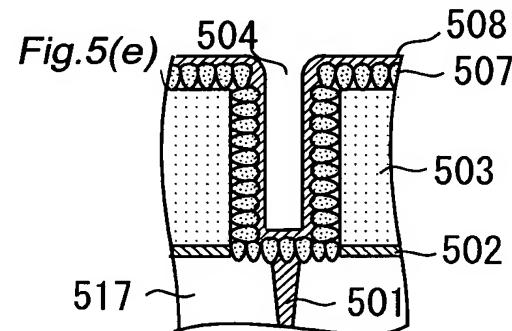
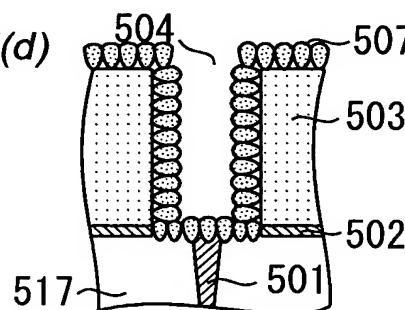


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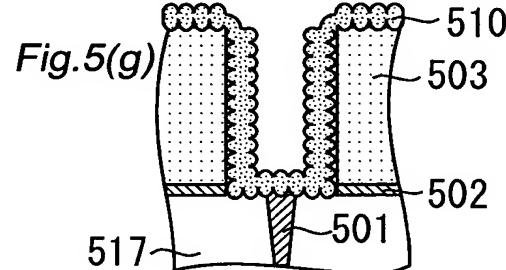
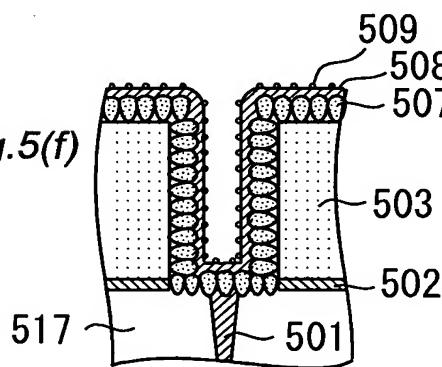


Fig.5(h)

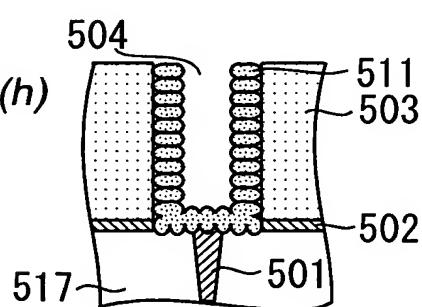


Fig.5(i)

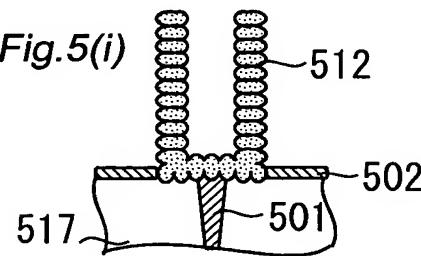


Fig.6(a)

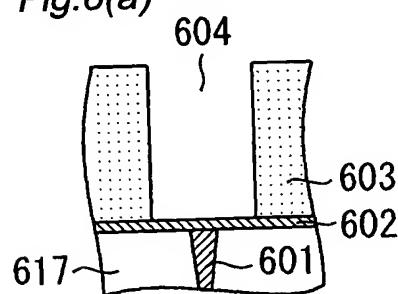


Fig.6(b)

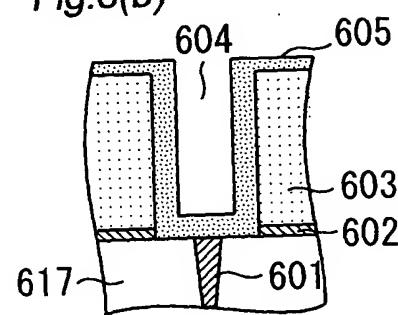


Fig.6(c)

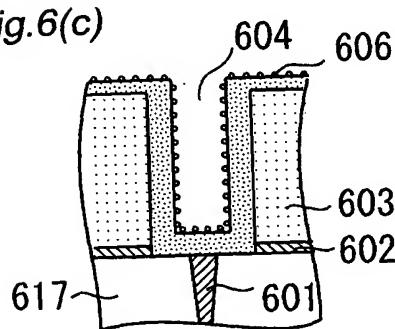


Fig.6(d)

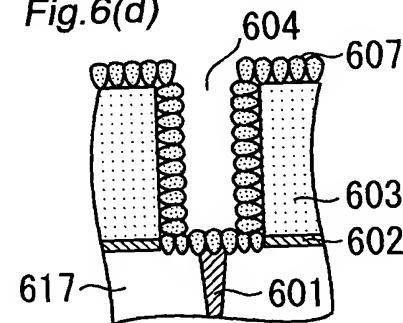


Fig.6(e)

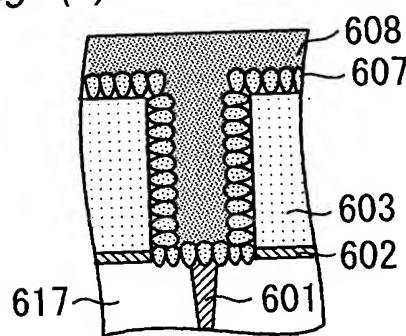


Fig.6(f)

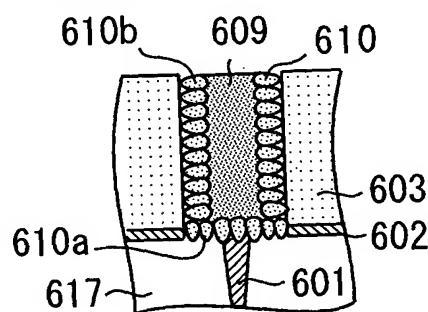
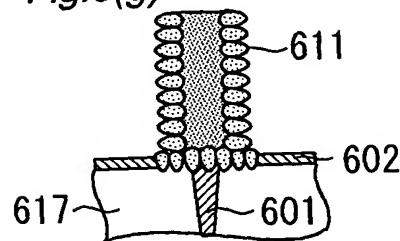
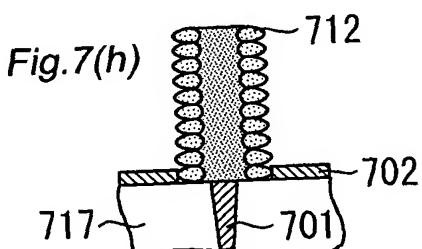
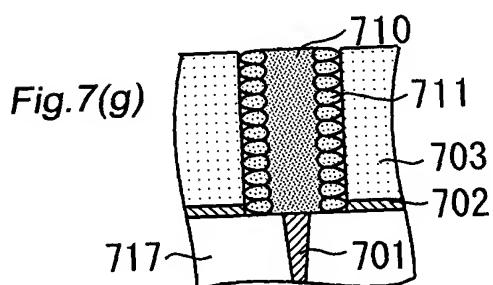
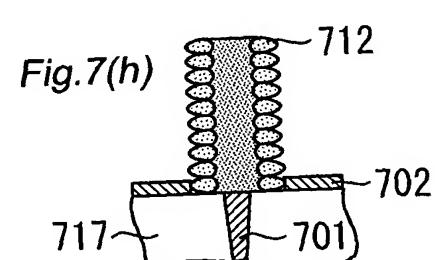
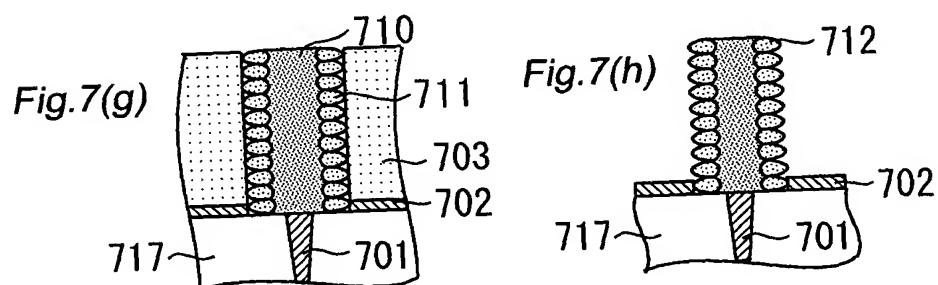
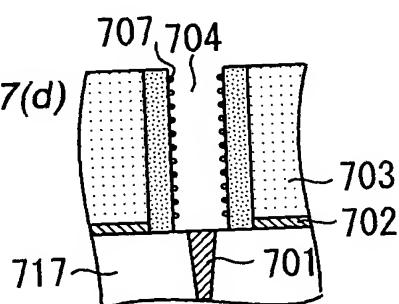
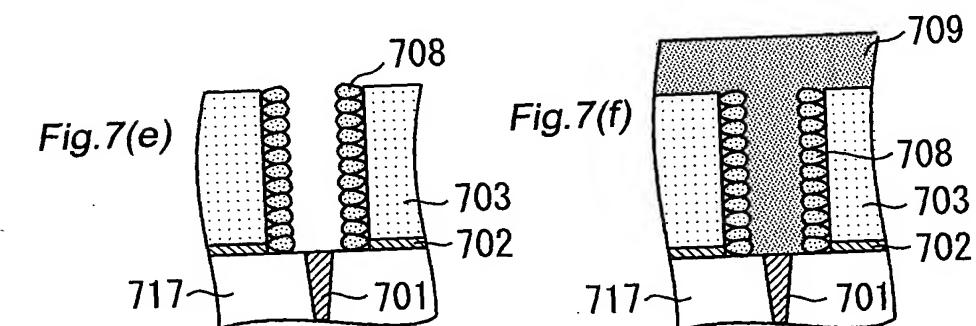
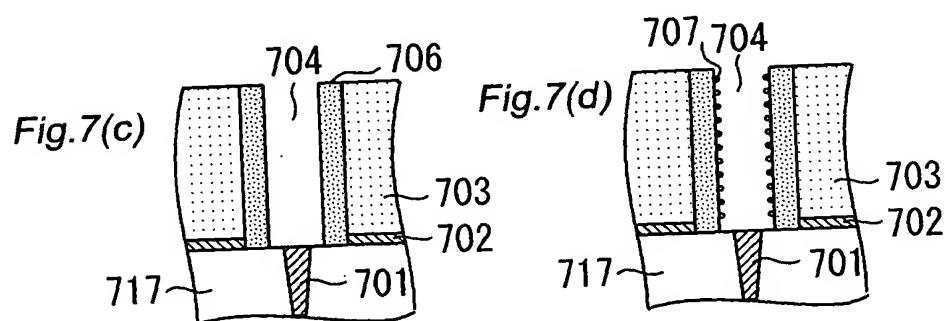
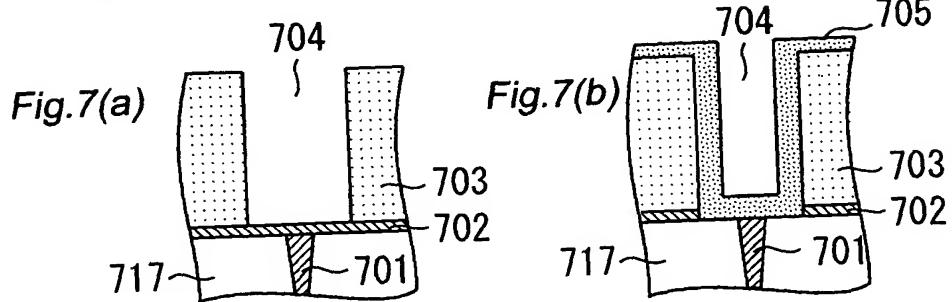


Fig.6(g)



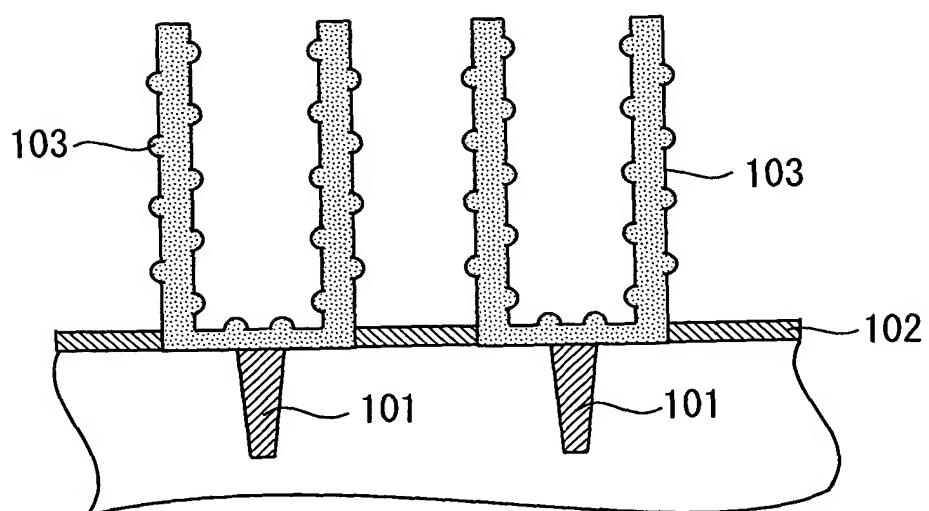


APPLN. FILING DATE: AUGUST 25, 2003  
TITLE: SEMICONDUCTOR DEVICE HAVING A  
ROUGHENED SURFACE ELECTRODE AND METHOD OF  
MANUFACTURING THE SAME  
INVENTOR(S): MASATOSHI ANMA  
ATTORNEY DOCKET NO: 026905-031

SHEET 8 of 9

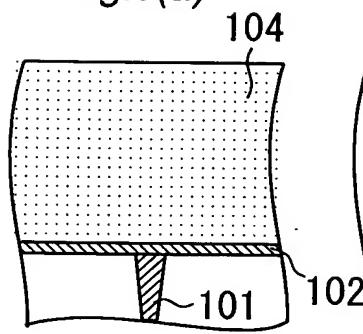
Fig.8

*Background Art*

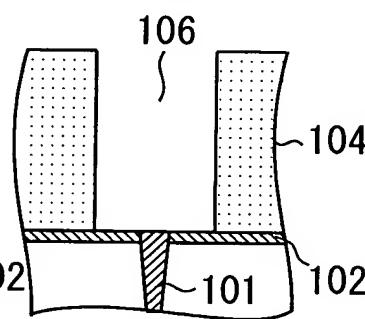


*Background Art*

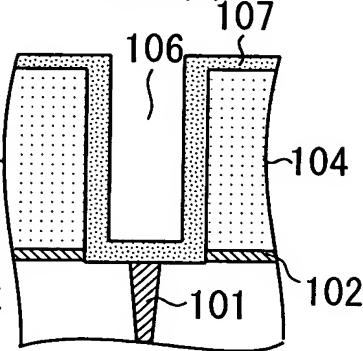
*Fig.9(a)*



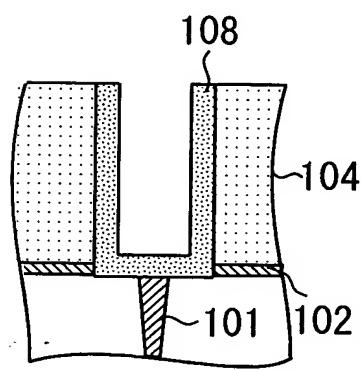
*Fig.9(b)*



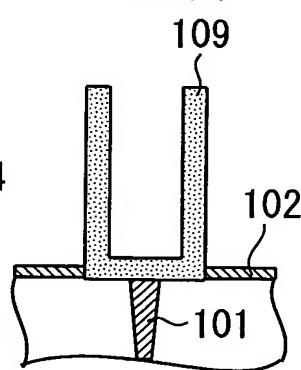
*Fig.9(c)*



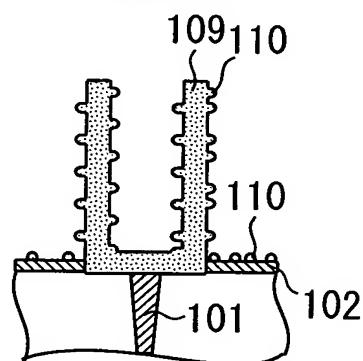
*Fig.9(d)*



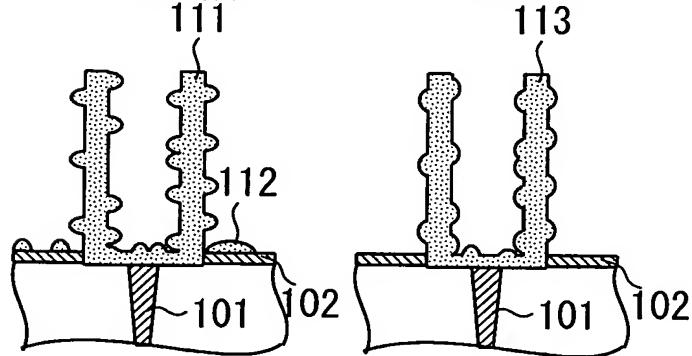
*Fig.9(e)*



*Fig.9(f)*



*Fig.9(g)*



*Fig.9(h)*

